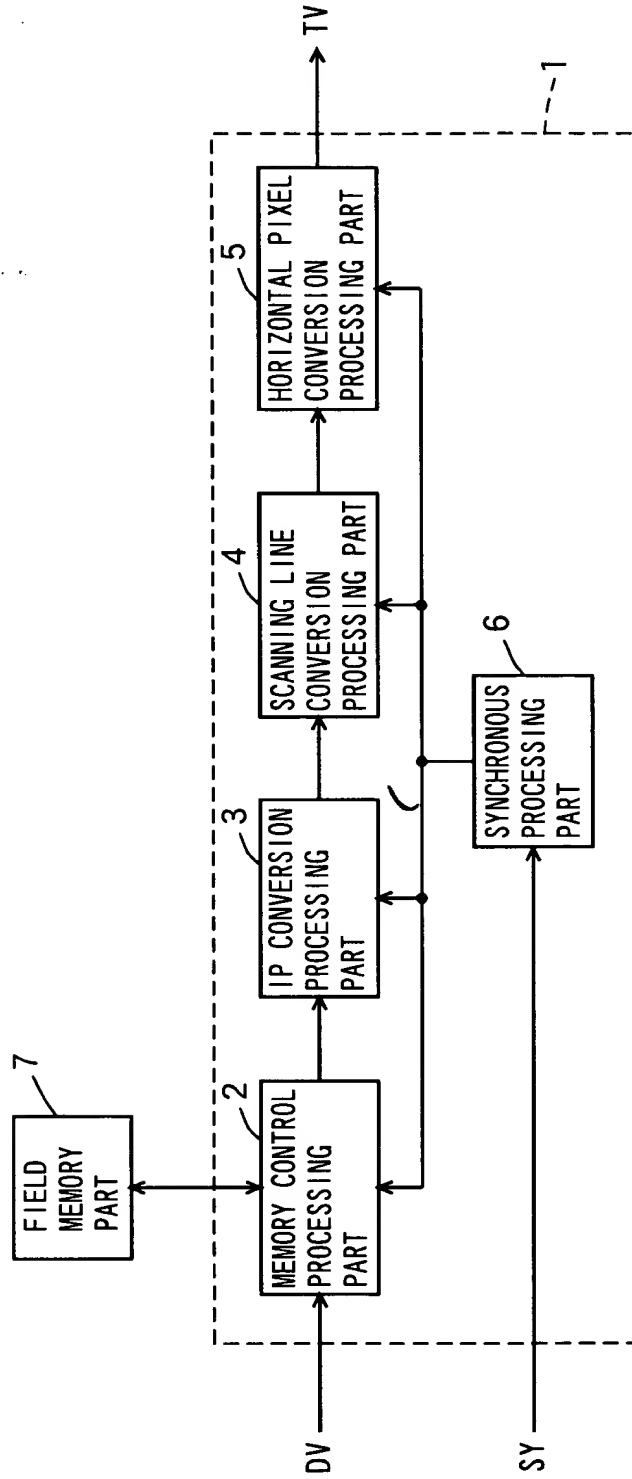


FIG. 1



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FIG. 2

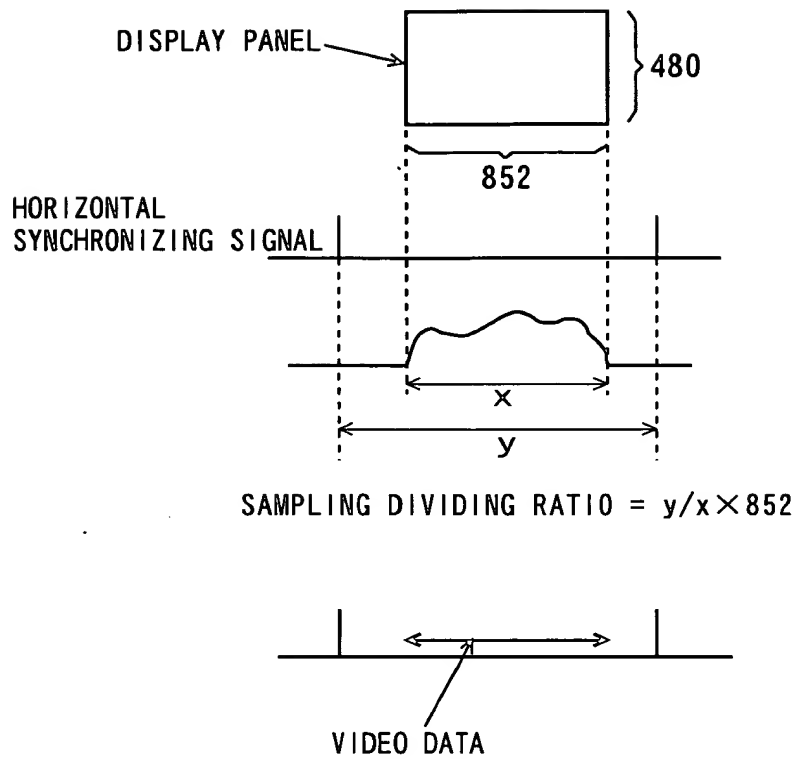
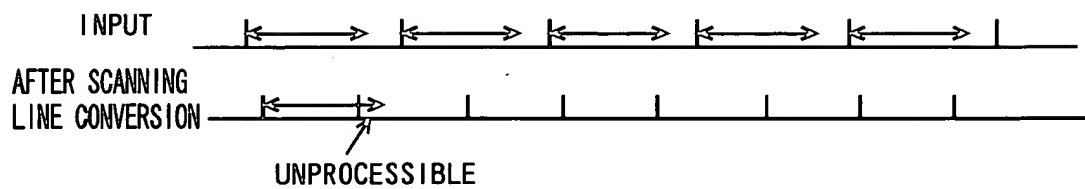
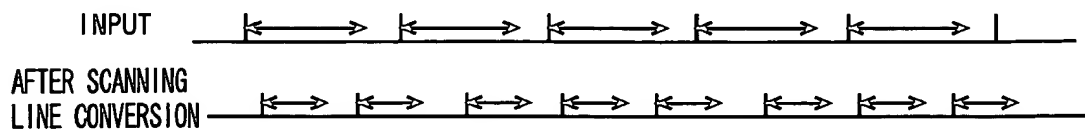


FIG. 3

(a) CASE OF CLOCK IDENTICAL TO INPUT



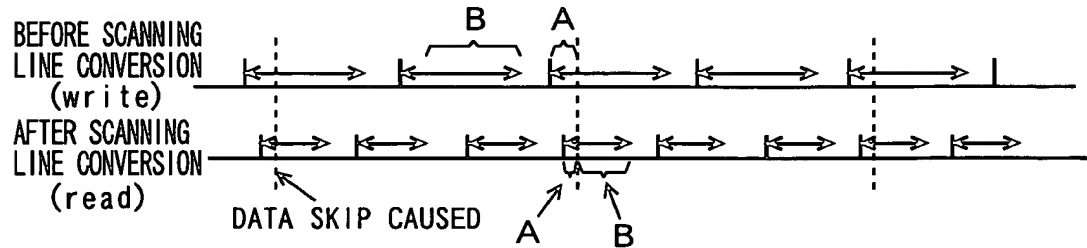
(b) CASE OF CLOCK SUFFICIENTLY QUICK AS COMPARED WITH INPUT



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FIG. 4

(a) WHEN TRANSFERRING CLOCK BEFORE AND AFTER SCANNING LINE CONVERSION



(b) WHEN TRANSFERRING CLOCK AFTER SCANNING LINE CONVERSION

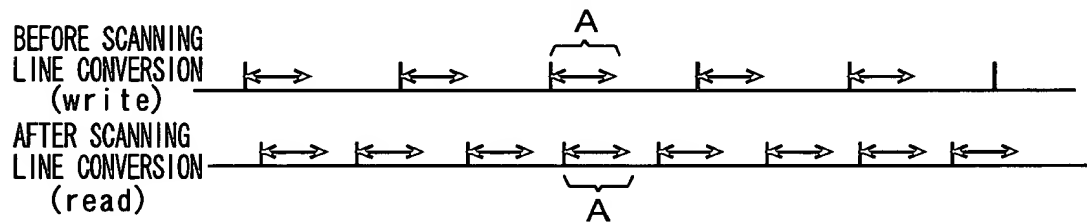
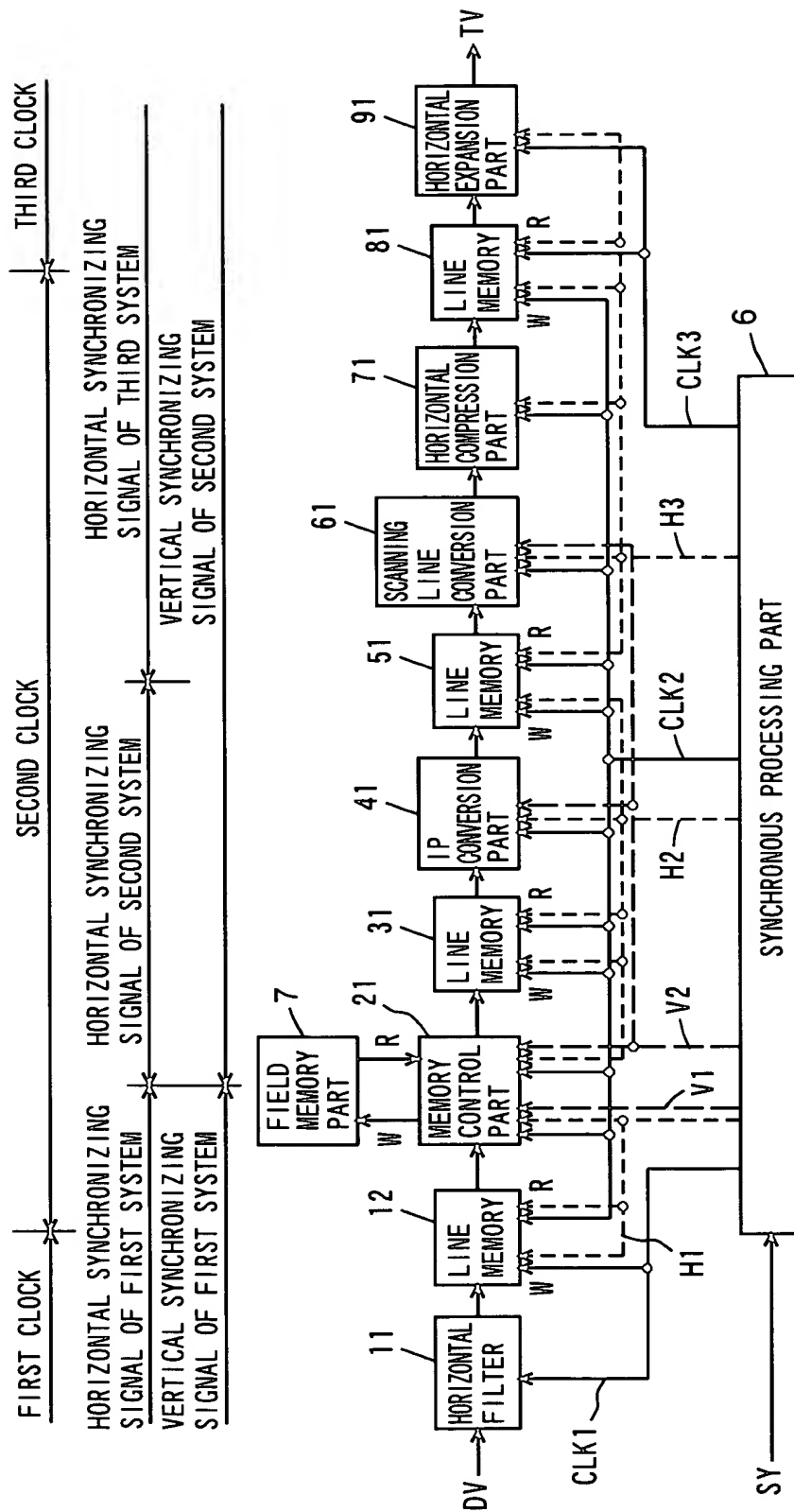


FIG. 5



F I G. 6

	WITH IP CONVERSION		WITH NO IP CONVERSION
	ODD FIELD	EVEN FIELD	
CLK1 SYSTEM H11 (INPUT H) V11 (INPUT V)			
CLK2 SYSTEM H12 (LATCH CLK2 OF H11) V12 (LATCH CLK2 OF V11)			
H21 (H AFTER FIELD MEMORY) H2D (DELAYED BY HALF H OF H21) H2H (DOUBLE FREQUENCY OF H21) V21 (V AFTER FIELD MEMORY)			
H31 (H AFTER SCANNING LINE CONVERSION) V2P (V AFTER SCANNING LINE CONVERSION)			
CLK3 SYSTEM H33 (LATCH CLK3 OF H31)			

FIG. 7

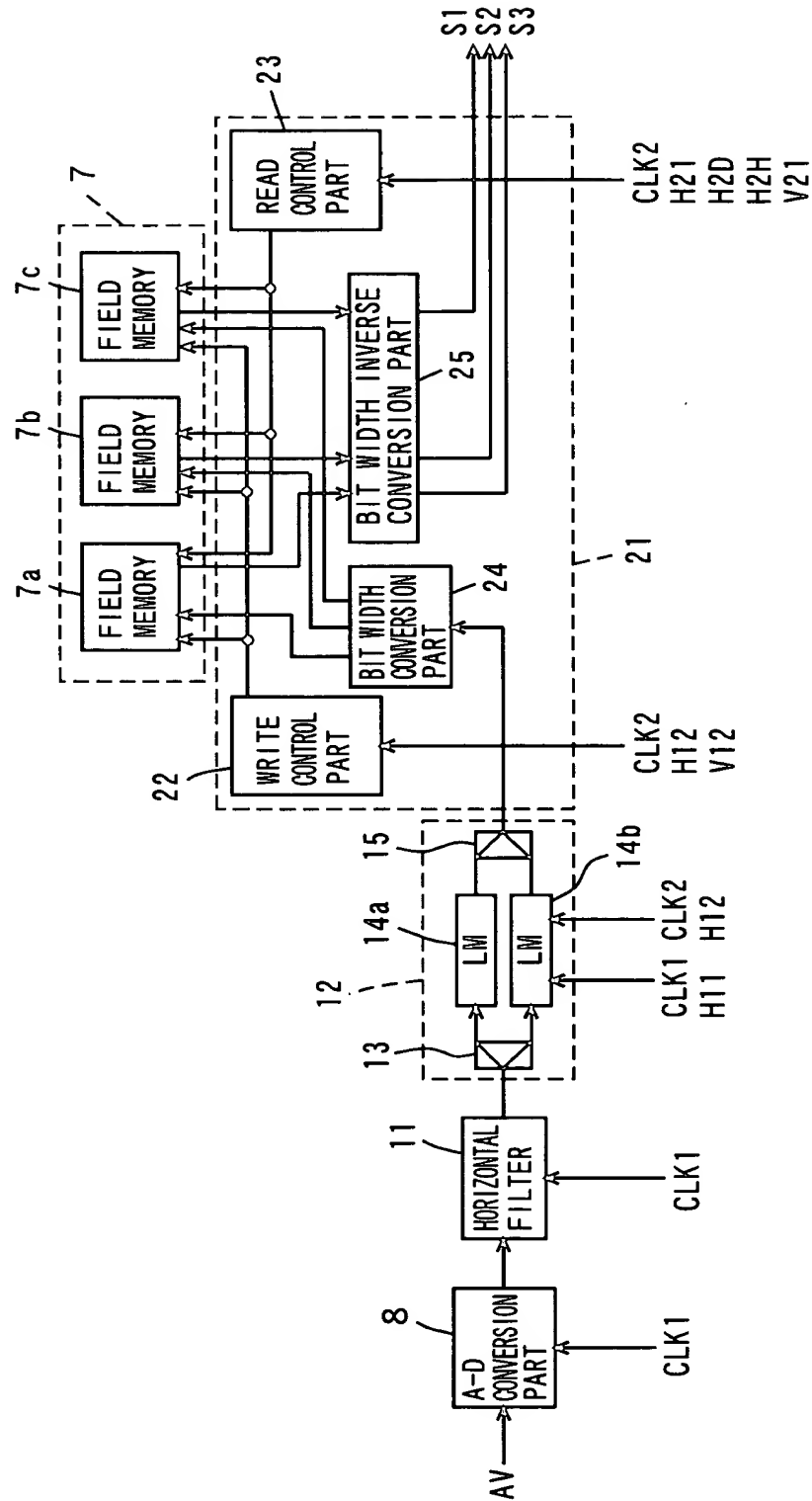


FIG. 8

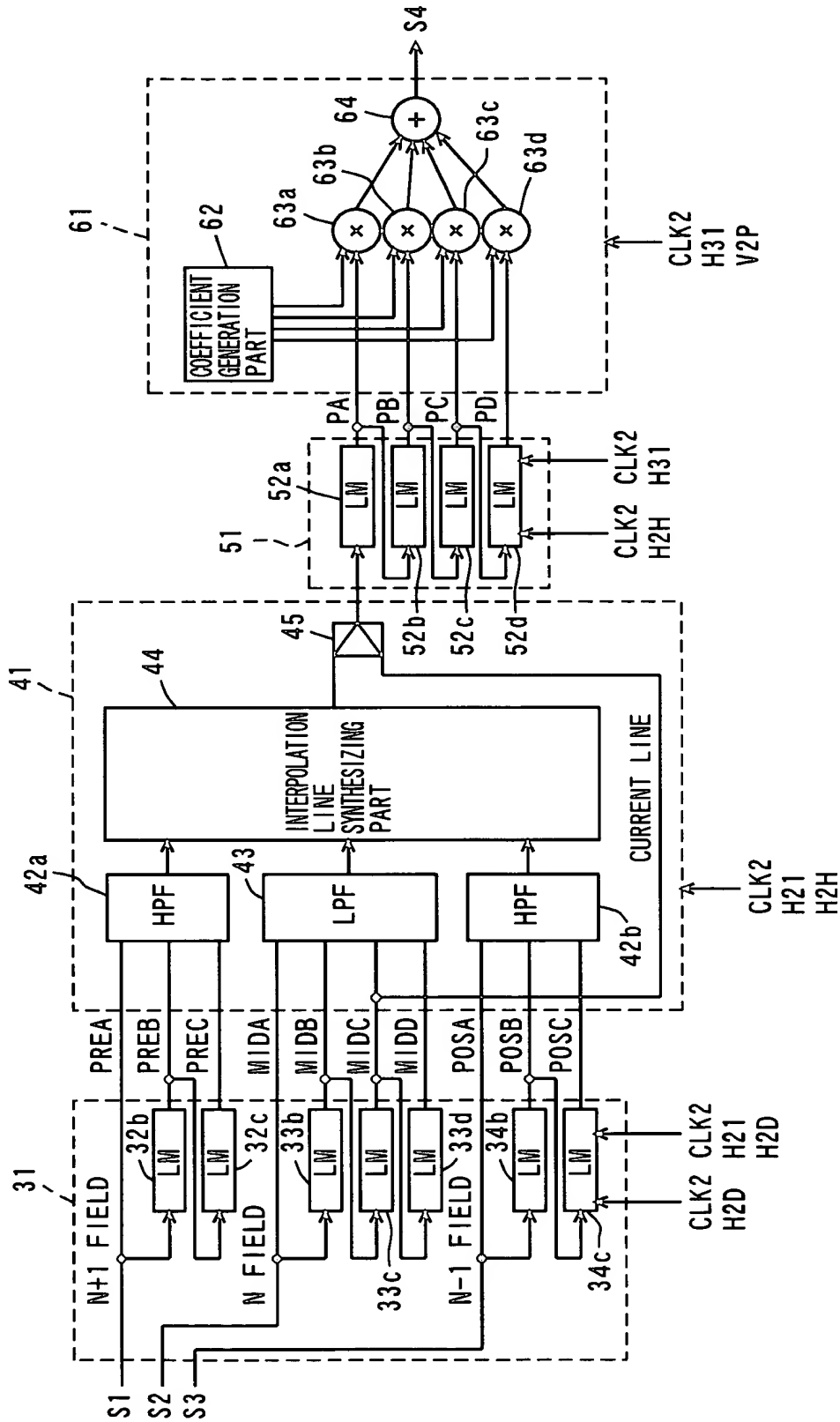


FIG. 9

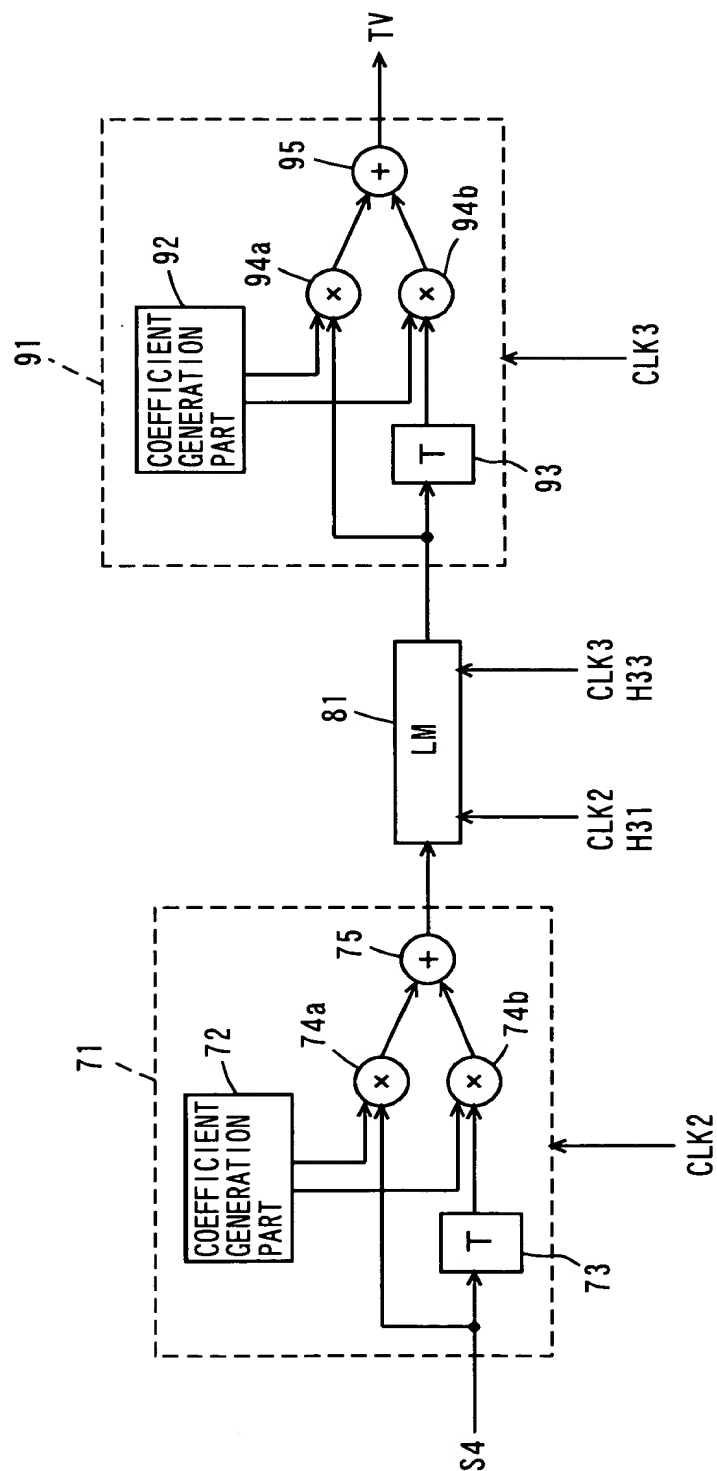




FIG. 10

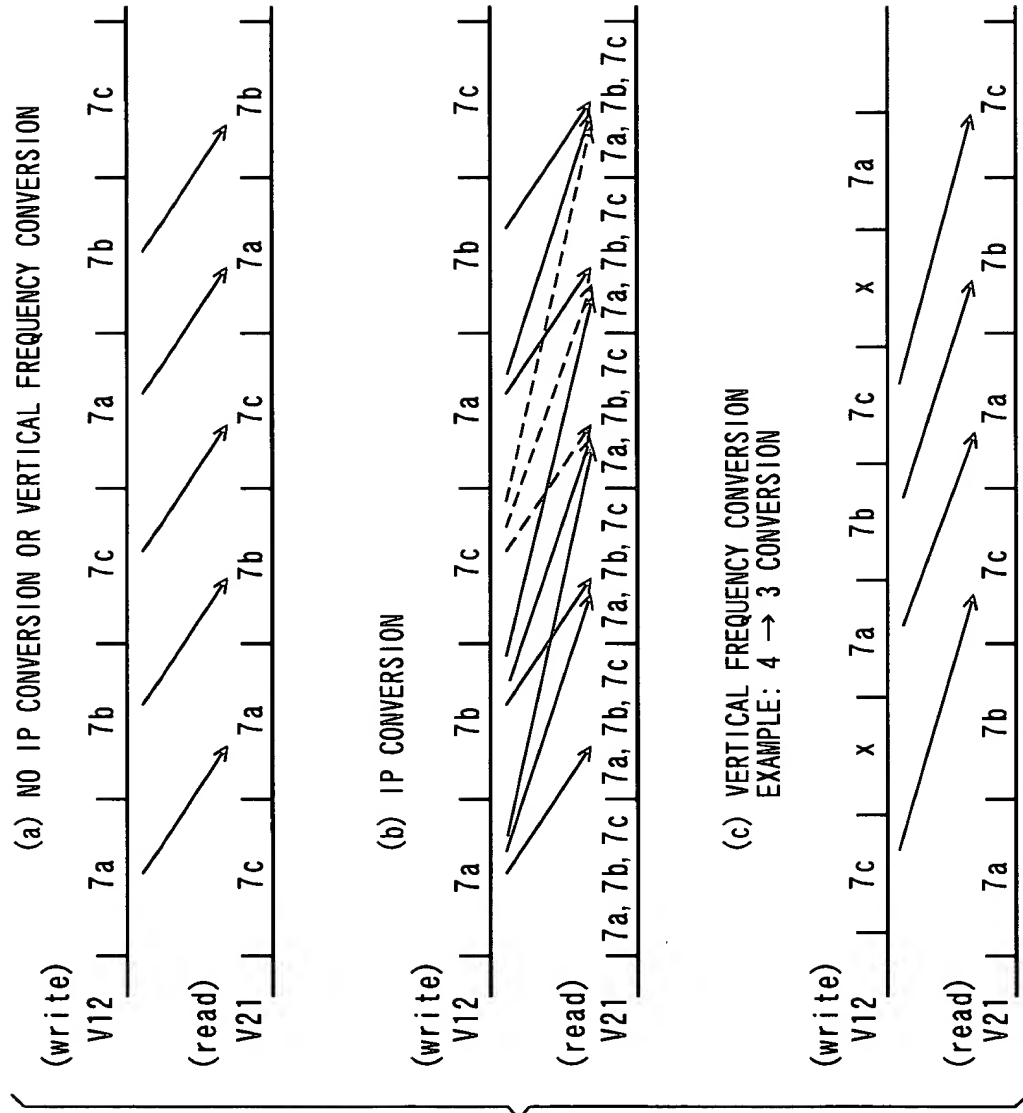
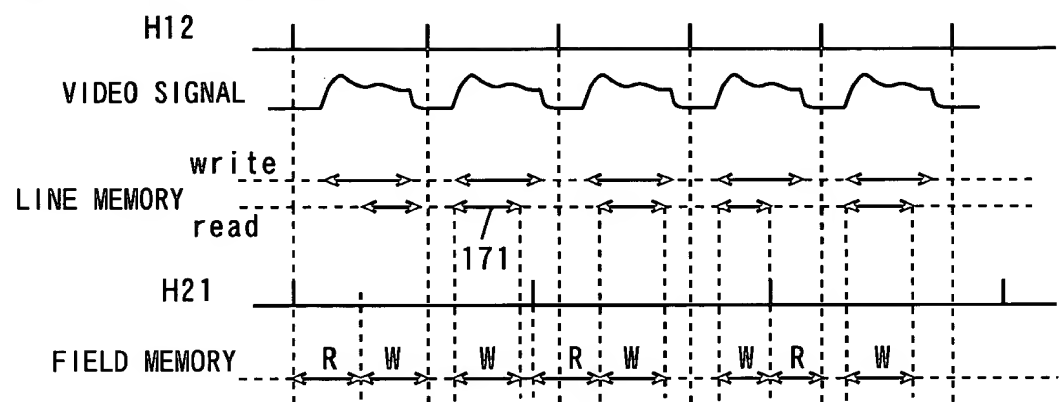


FIG. 11

(a) WITH ONE LINE MEMORY



(b) WITH TWO LINE MEMORIES

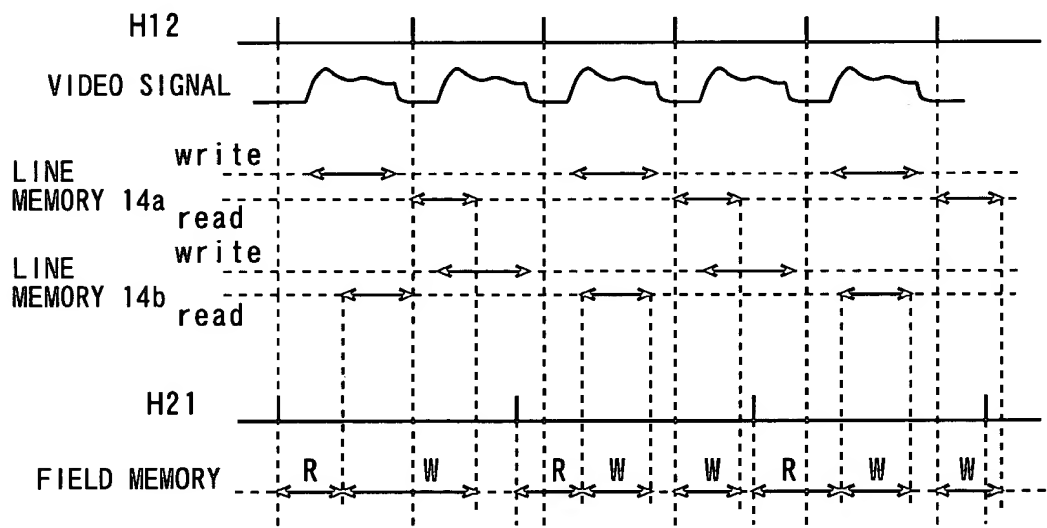
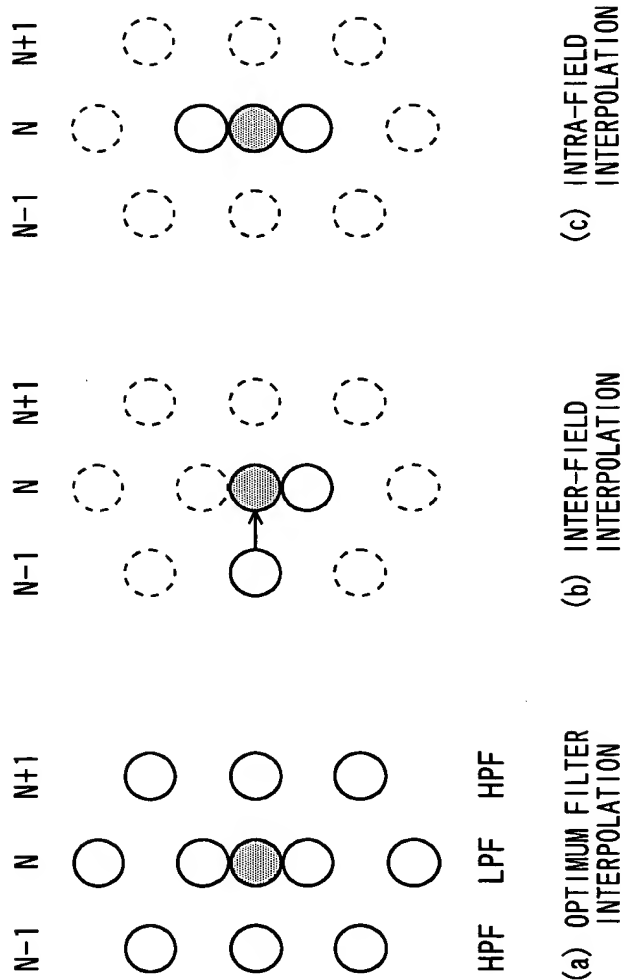


FIG. 12



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FIG. 13

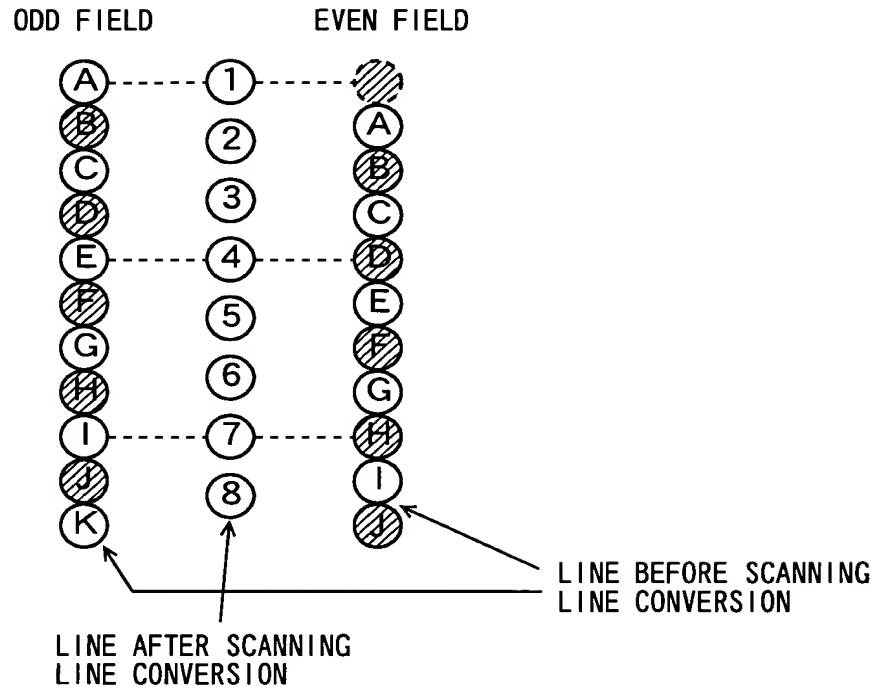


FIG. 14

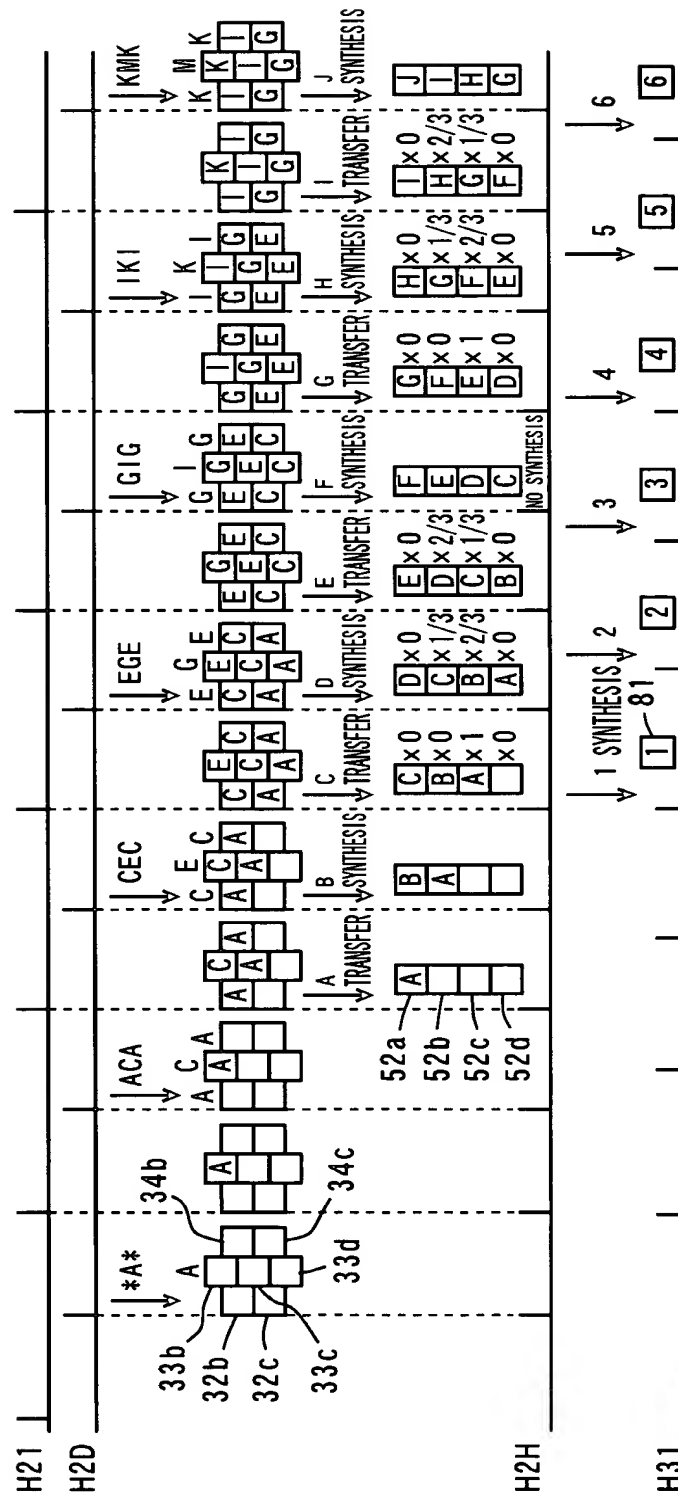


FIG. 15

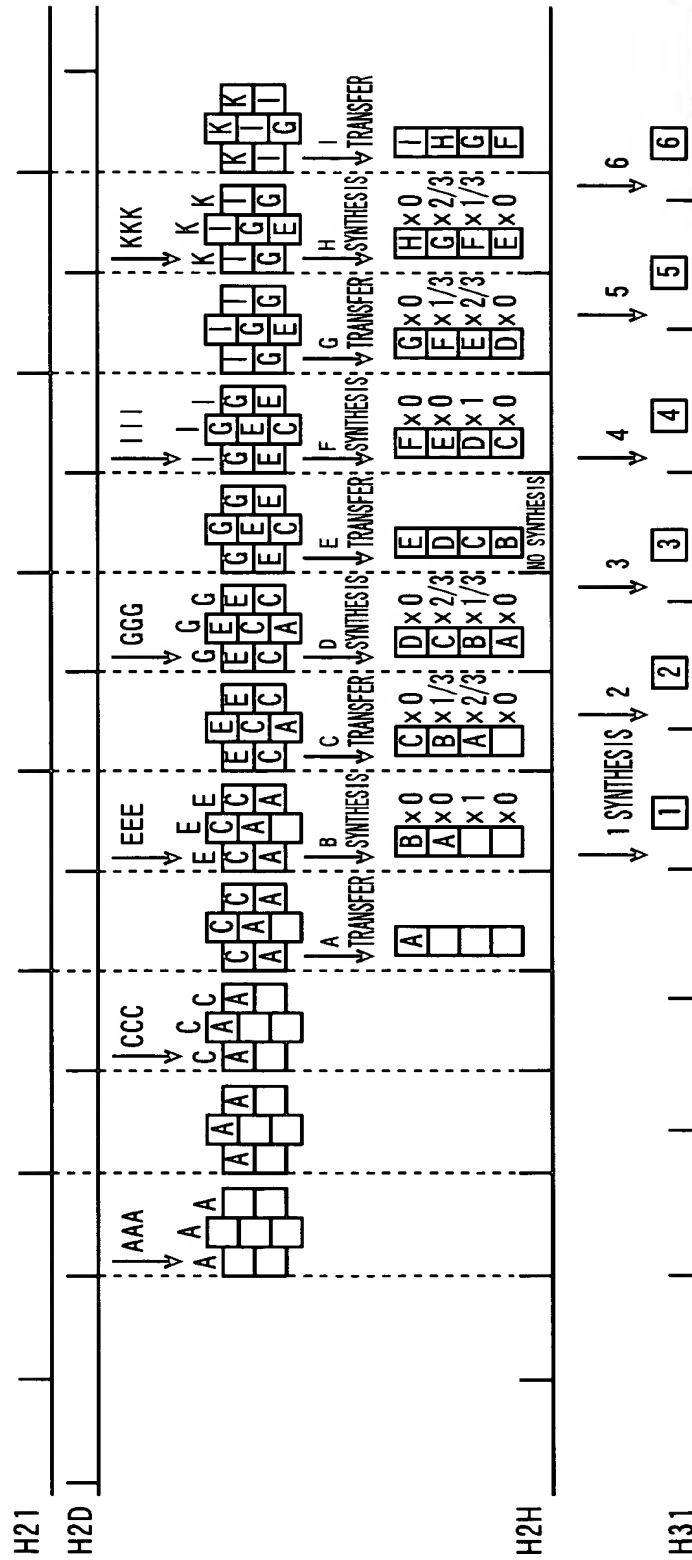


FIG. 16

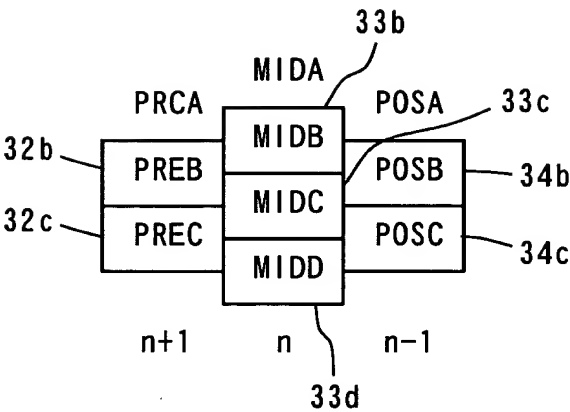


FIG. 17

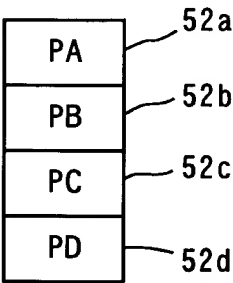
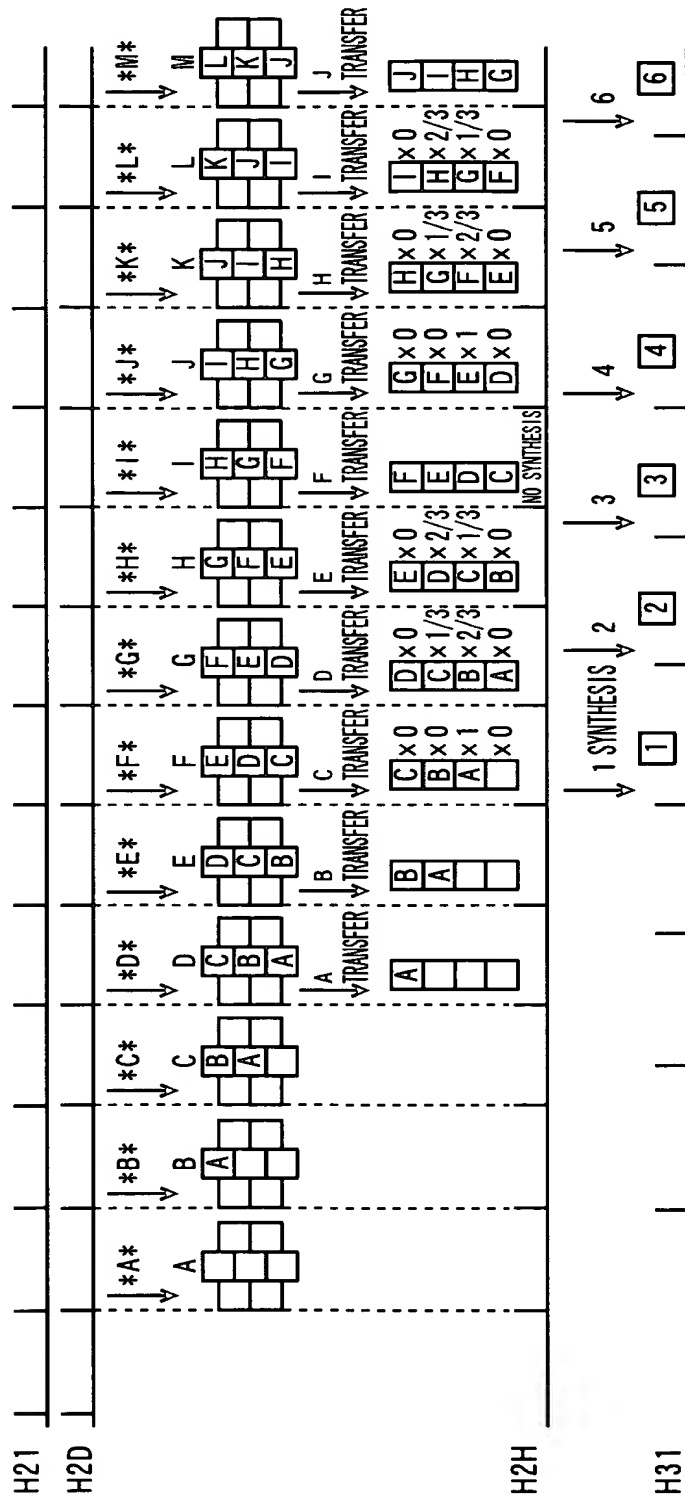


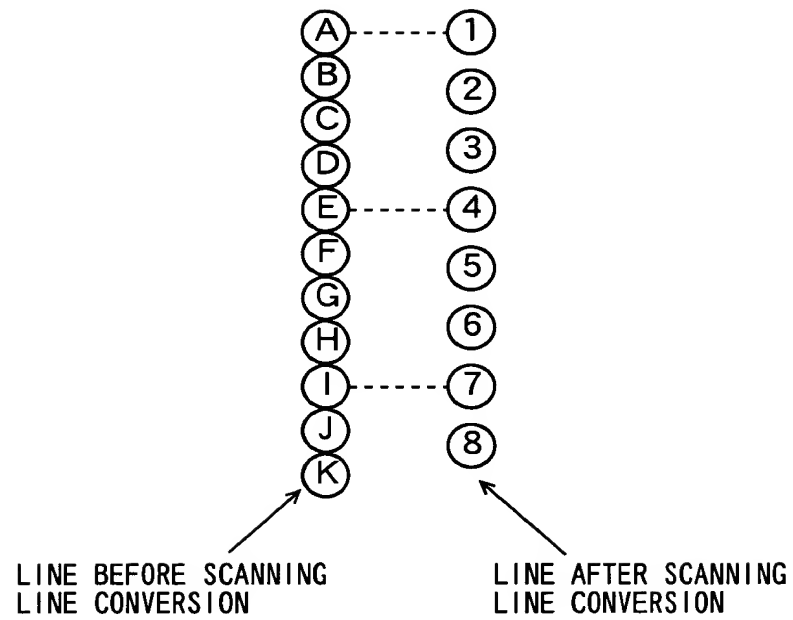
FIG. 18





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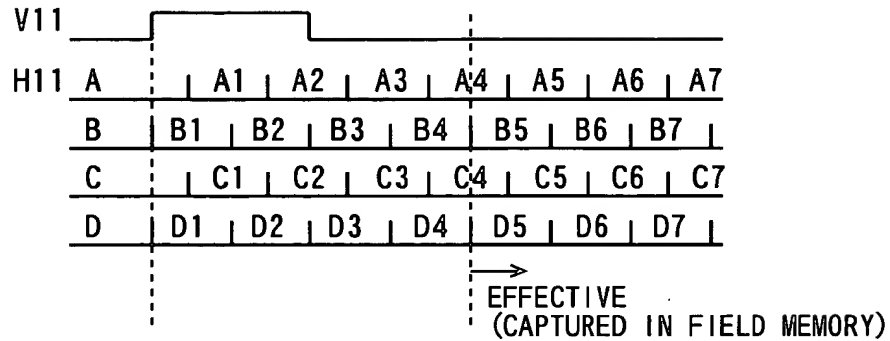
FIG. 19



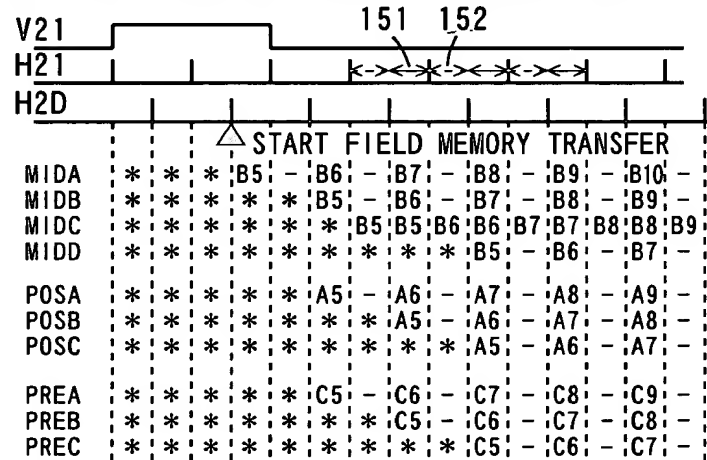
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FIG. 20

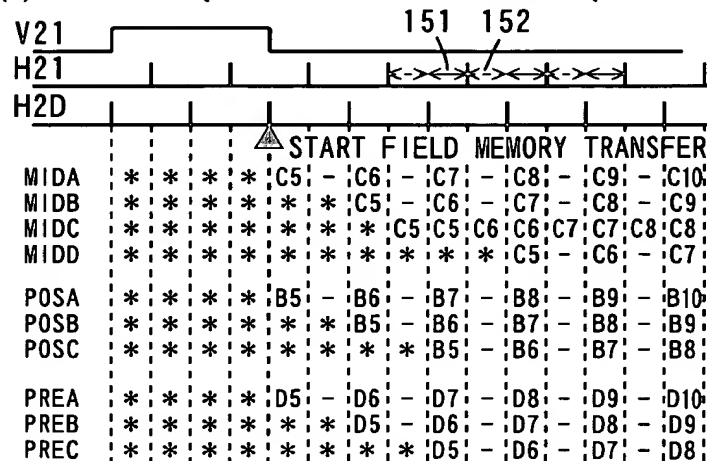
## (a) INPUT



## (b) OUTPUT SEQUENCE FROM FIELD MEMORY (ODD FIELD)



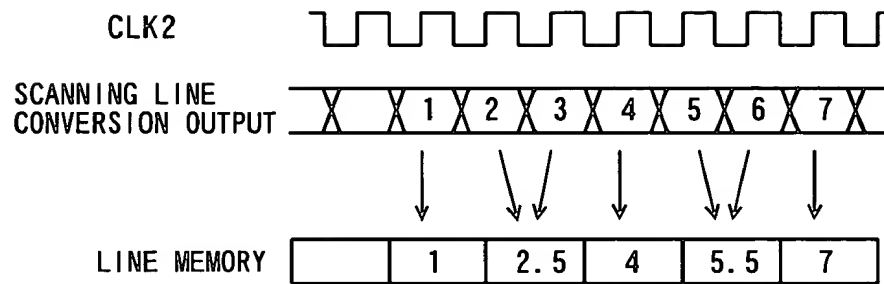
## (c) OUTPUT SEQUENCE FROM FIELD MEMORY (EVEN FIELD)



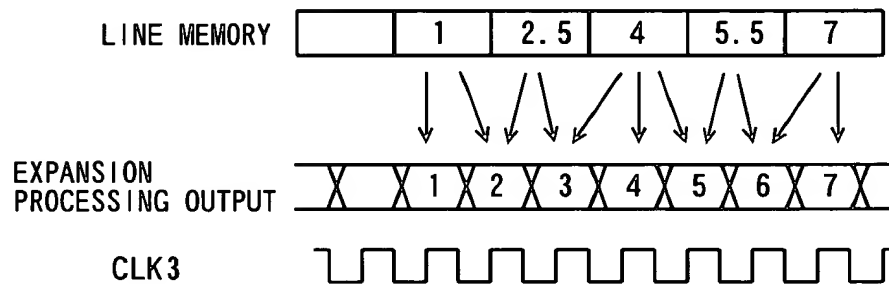
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FIG. 21

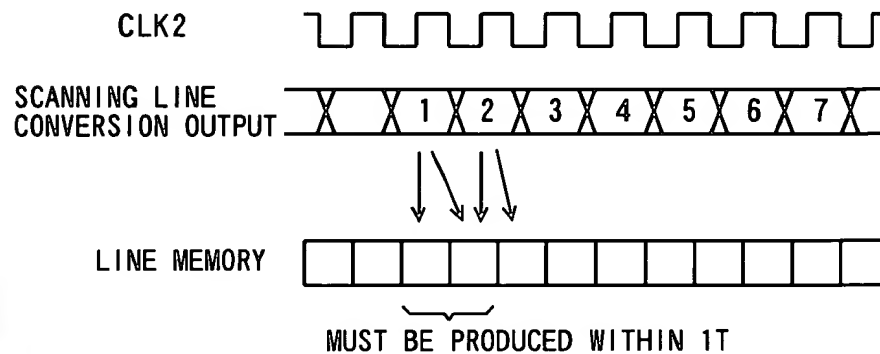
## (a) WRITING (3 → 2 CONVERSION)



## (b) READING (2 → 3 CONVERSION)



## (c) WRITING COMBINED WITH EXPANSION PROCESSING (3 → 4 CONVERSION)



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FIG. 22

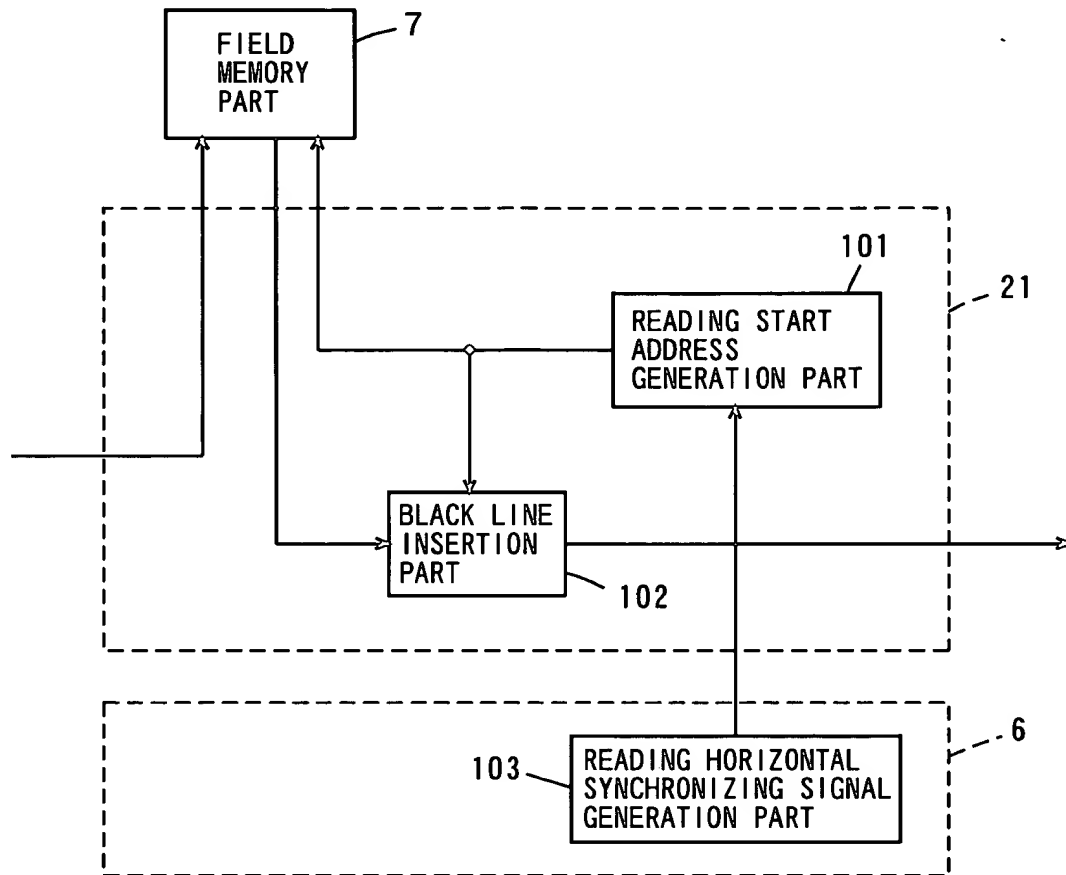
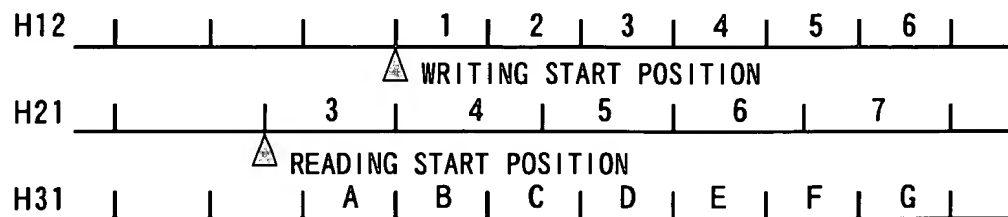


FIG. 23



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FIG. 24

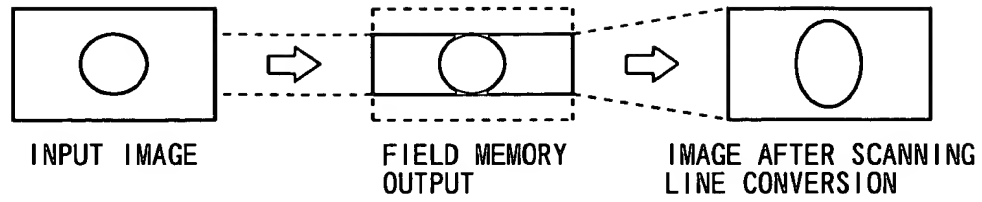


FIG. 25

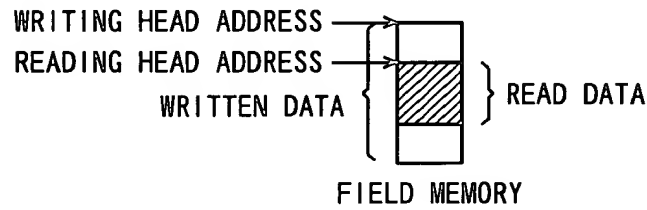
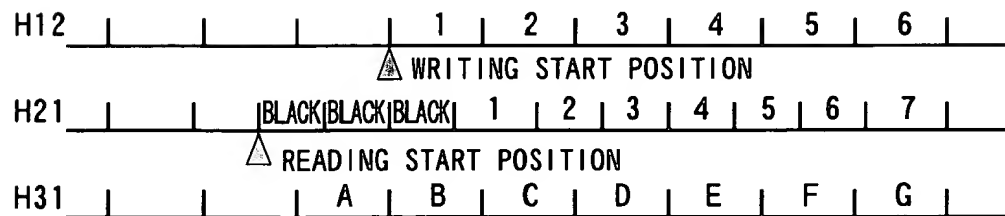


FIG. 26



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FIG. 27

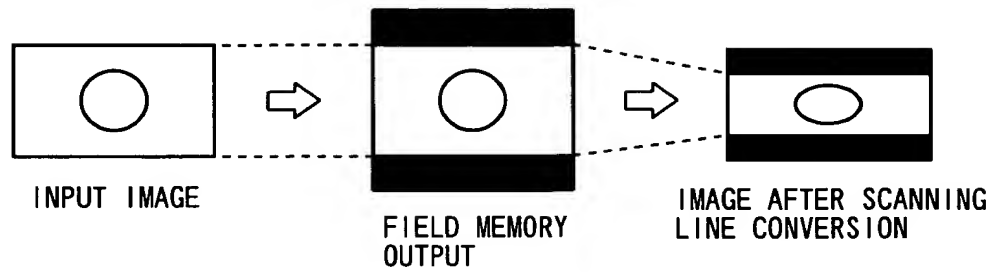


FIG. 28

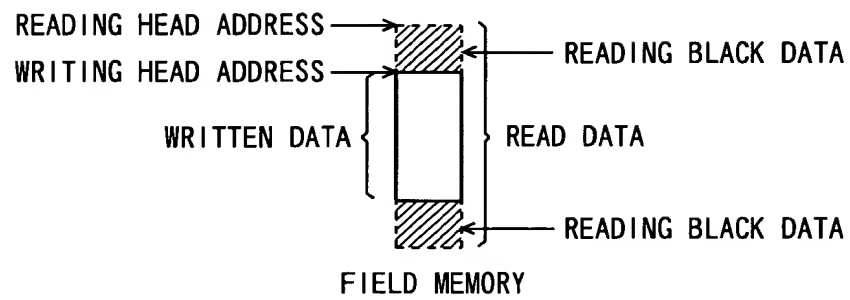


FIG. 29

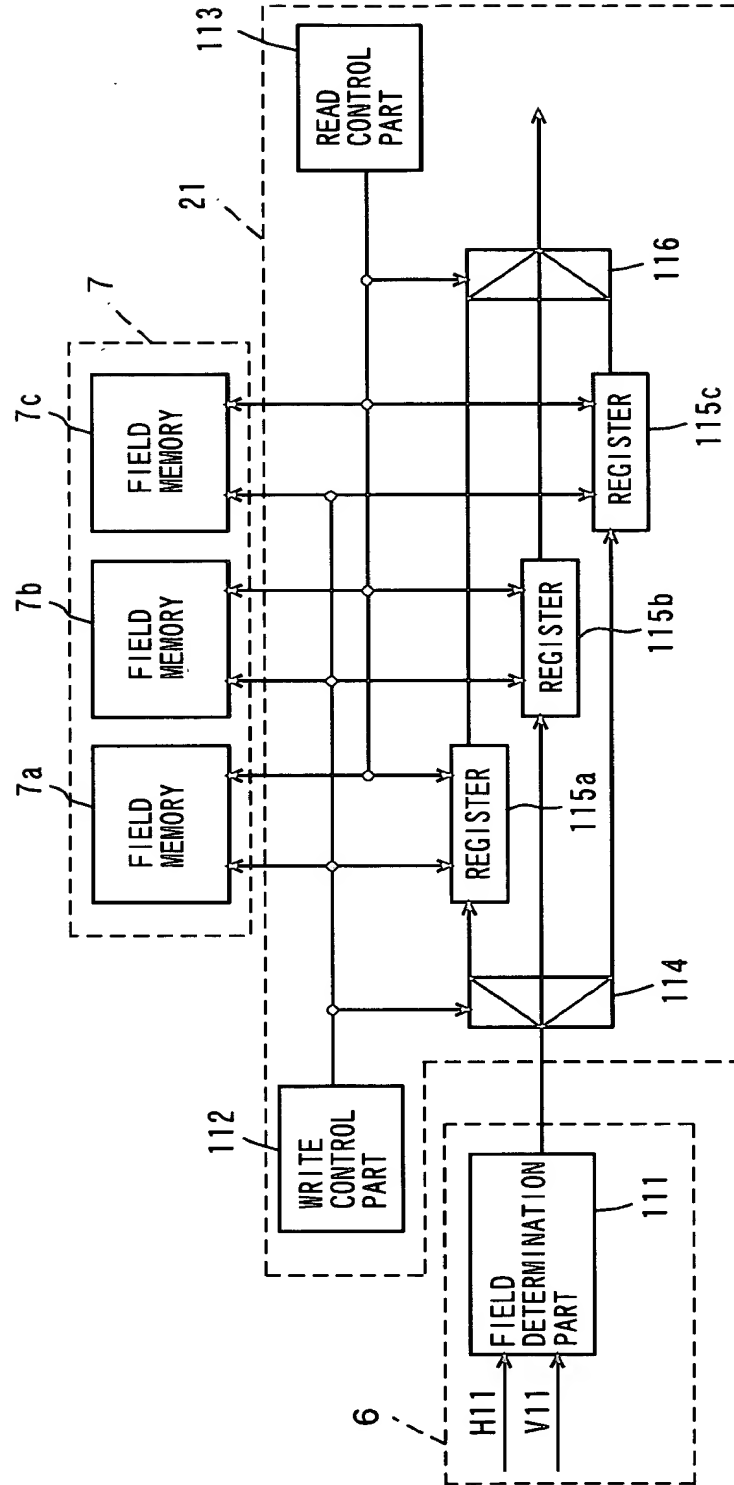


FIG. 30

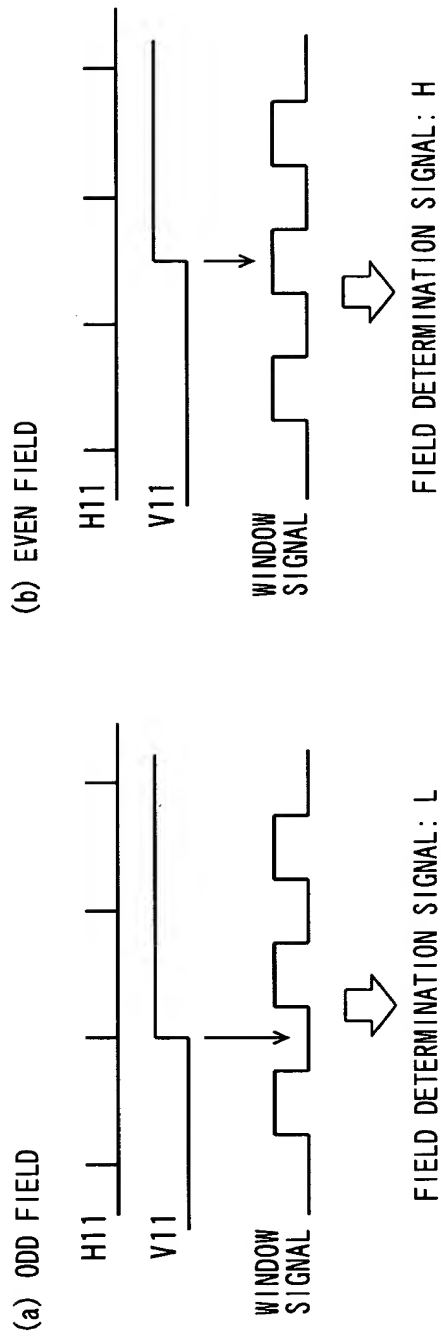




FIG. 31

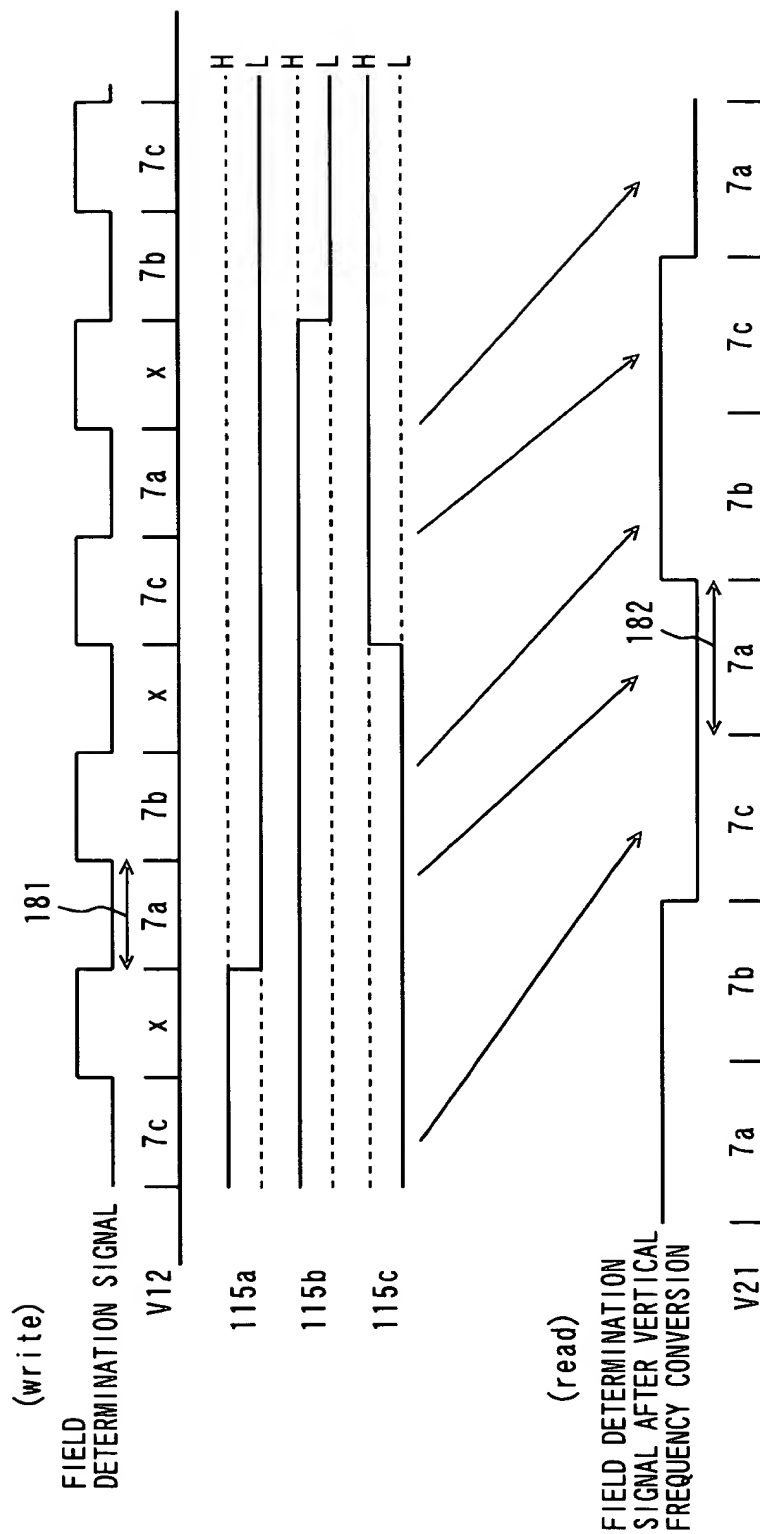


FIG. 32

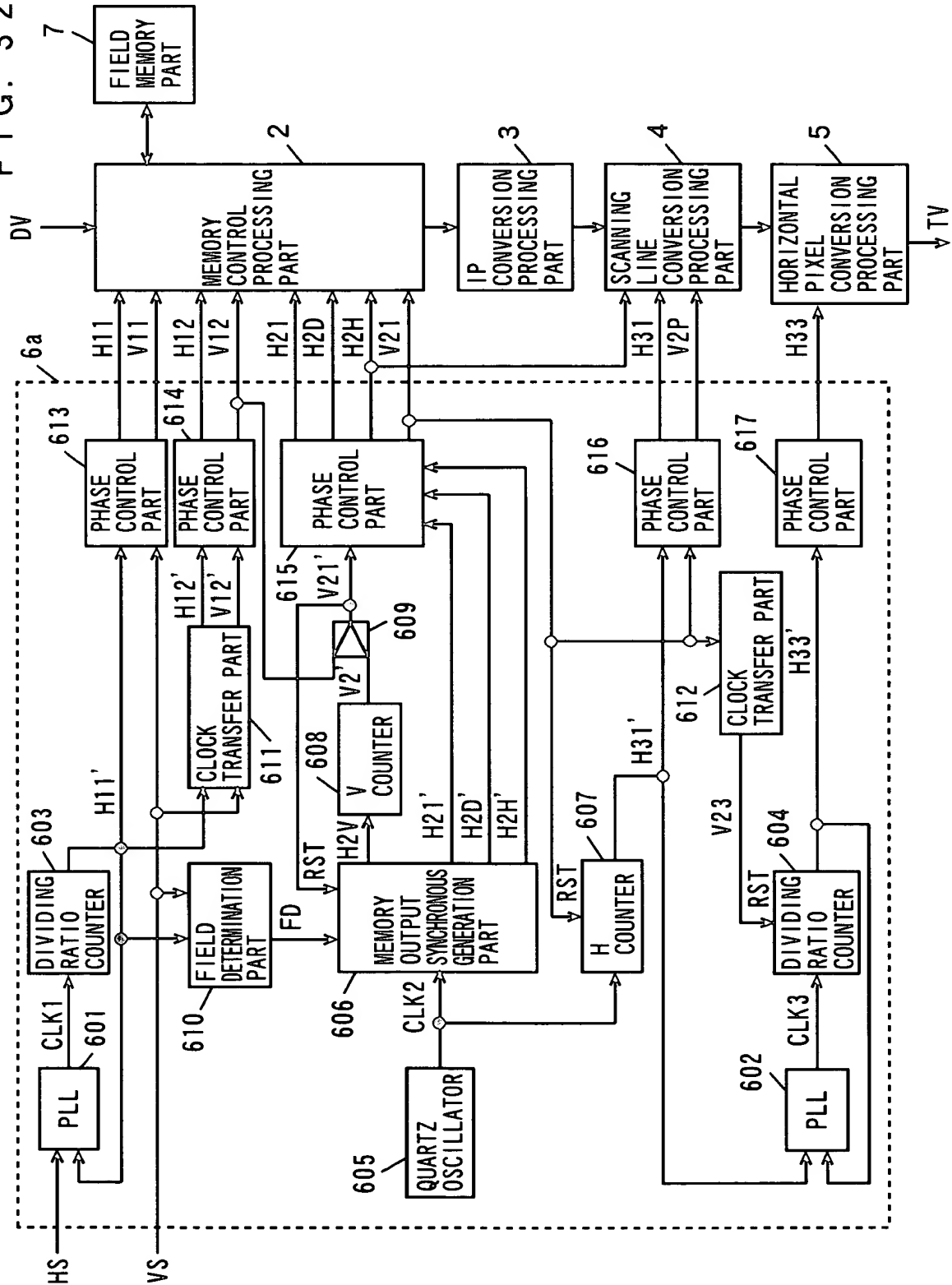
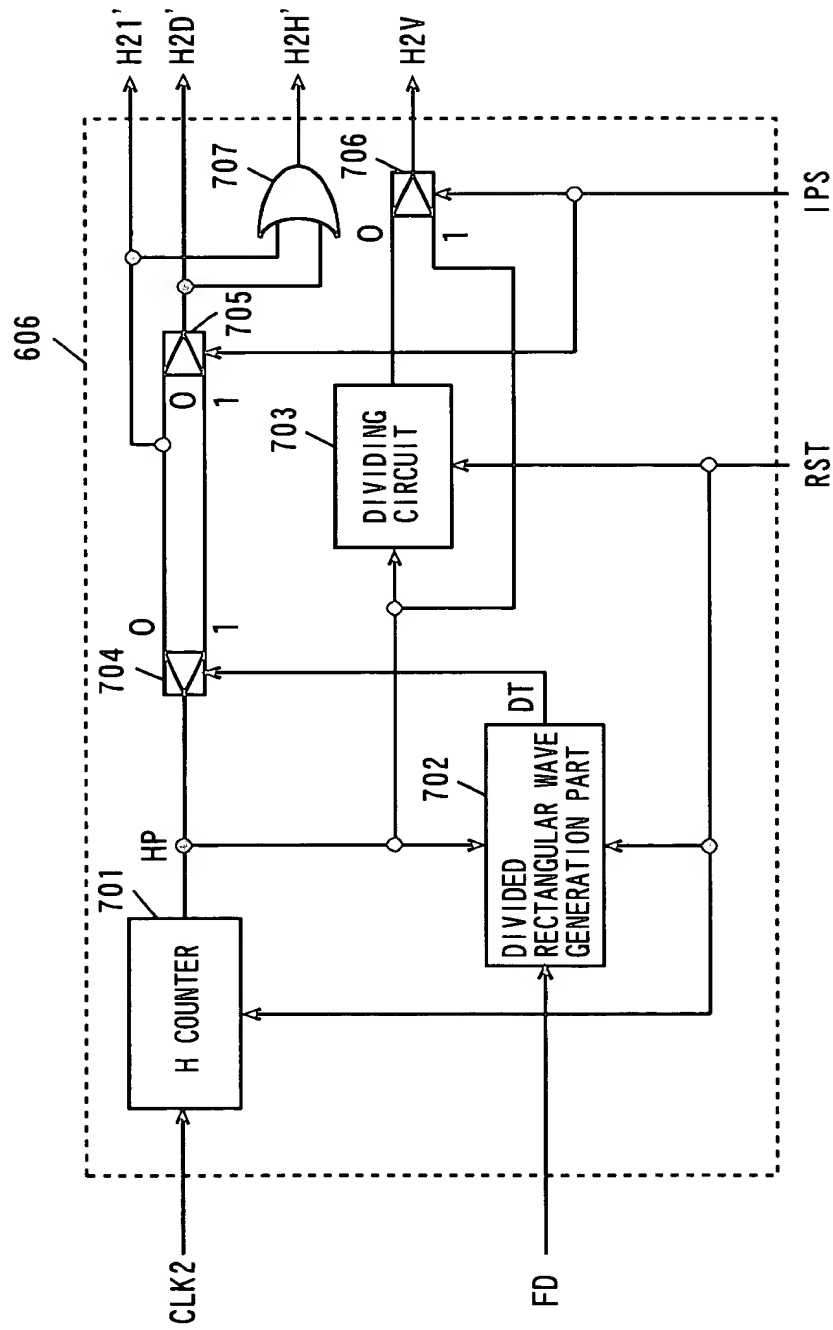


FIG. 33



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FIG. 34

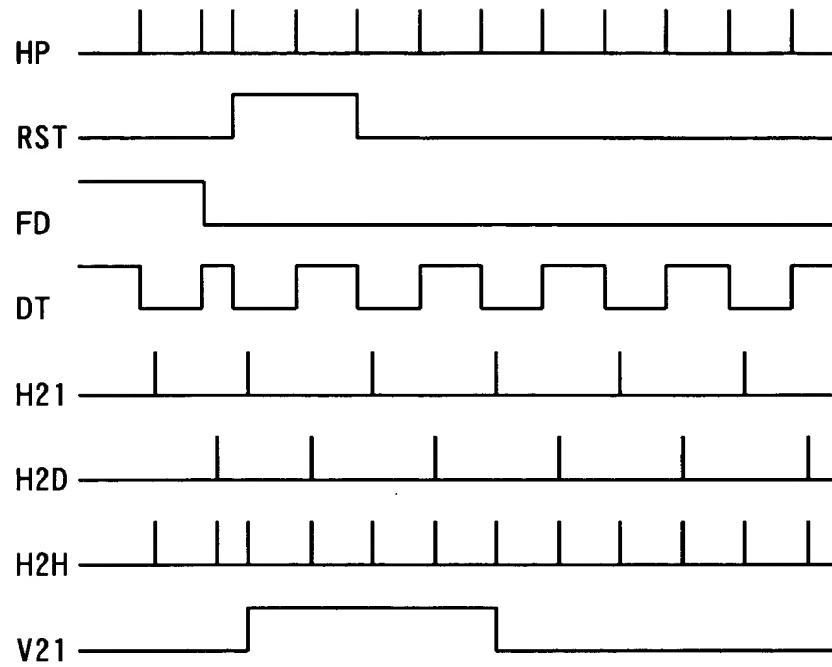
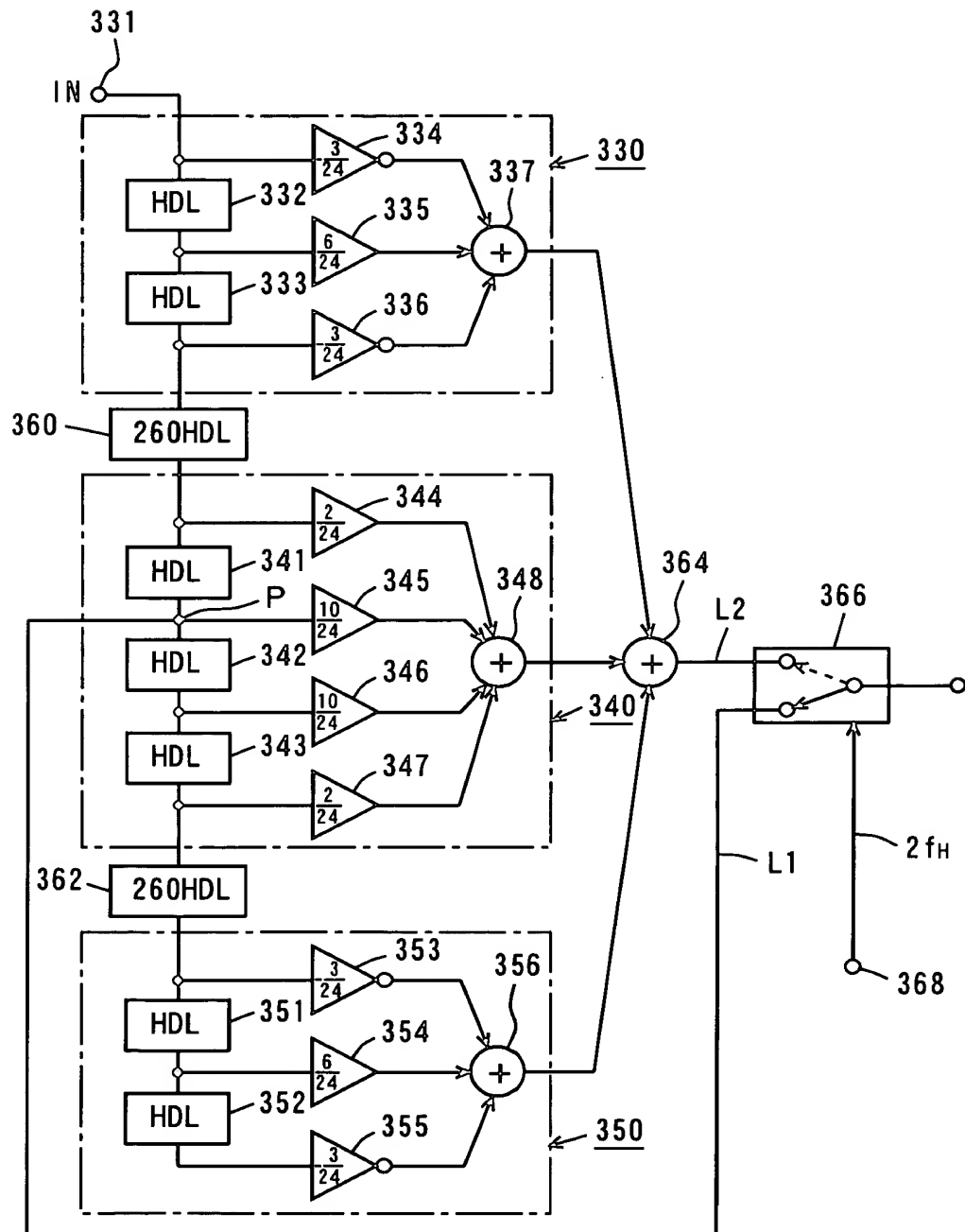


FIG. 35



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FIG. 36

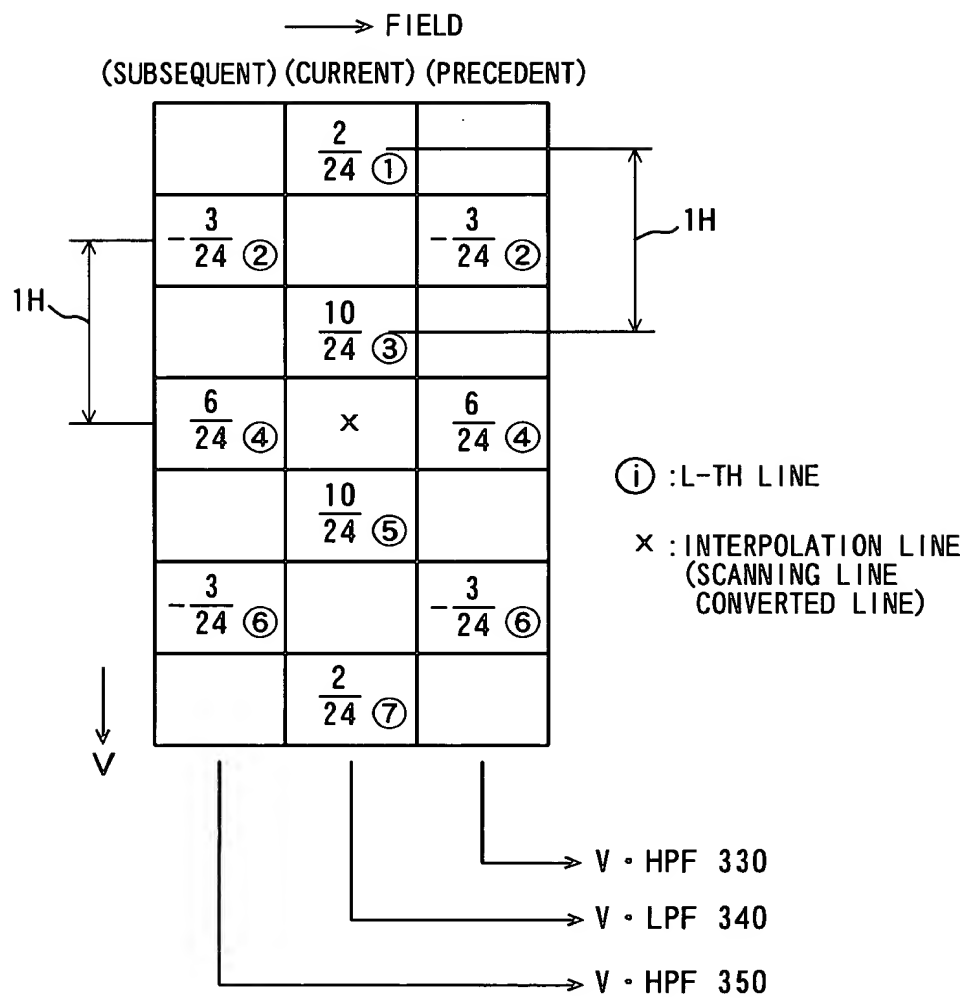


FIG. 37

